

02-25-05

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notifications of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

21874 7590 12/14/2004

EDWARDS & ANGELL, LLP  
 P.O. BOX 55874  
 BOSTON, MA 02205  
 02/28/2005 MBERHE1 00000025 041105 09523511

01 FC:1501 1400.00 DA  
 02 FC:8001 30.00 DA

FEB 23 2005  
 PATENT & TRADEMARK OFFICE

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## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

Kathryn A. Grindrod

(Depositor's name)

1 Kathryn A. Grindrod

(Signature)

February 23, 2005

(Date)

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/523,511      | 03/10/2000  | Yasushi Kubota       | 49639(820)          | 4950             |

TITLE OF INVENTION: SHIFT REGISTER CIRCUIT, IMAGE DISPLAY APPARATUS HAVING THE CIRCUIT, AND DRIVING METHOD FOR LCD DEVICES

| APPLN. TYPE    | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE   |
|----------------|--------------|-----------|-----------------|------------------|------------|
| nonprovisional | NO           | \$1400    | \$0             | \$1400           | 03/14/2005 |

| EXAMINER    | ART UNIT | CLASS-SUBCLASS |
|-------------|----------|----------------|
| DINH, DUC Q | 2674     | 345-100000     |

|   |   |
|---|---|
| 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).  | 2. For printing on the patent front page, list<br>(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,<br>(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. |
| <input type="checkbox"/> Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.<br><input type="checkbox"/> "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. | <u>1 David G. Conlin</u><br><u>2 David A. Tucker</u><br><u>3 Edwards &amp; Angell, LLP</u>  |

## 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

## (A) NAME OF ASSIGNEE

SHARP KABUSHIKI KAISHA

## (B) RESIDENCE: (CITY and STATE OR COUNTRY)

OSAKA

JAPAN

Please check the appropriate assignee category or categories (will not be printed on the patent):  Individual  Corporation or other private group entity  Government

## 4a. The following fee(s) are enclosed:

- Issue Fee  
 Publication Fee (No small entity discount permitted)  
 Advance Order - # of Copies 10

## 4b. Payment of Fee(s):

- A check in the amount of the fee(s) is enclosed.  
 Payment by credit card. Form PTO-2038 is attached.  
 The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 04-1105 (enclose an extra copy of this form).

## 5. Change in Entity Status (from status indicated above)

- a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.  
 b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature David A. Tucker

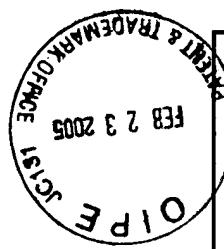
Date February 23, 2005

Typed or printed name David A. Tucker

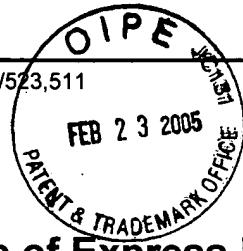
Registration No. 27,840

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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Application No. (if known): 09/523,511



Attorney Docket No.: 49639-RCE (70820)

## Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. **EV 437817368 US** in an envelope addressed to:

Commissioner for Patents  
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on February 23, 2005  
Date

Kathryn A. Grindrod

Signature

Kathryn A. Grindrod

Typed or printed name of person signing Certificate

Registration Number, if applicable

(617) 517-5534

Telephone Number

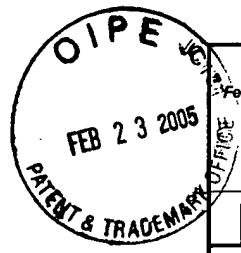
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Fee Transmittal (1 page)

Part B - Fee(s) Transmittal (1 page)

Authorization to charge \$1,430.00 to deposit account 04-1105

Under the Paperwork Reduction Act of 1995, no person are required to respond to a collection of information unless it displays a valid OMB control number.



**Effective on 12/08/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).**

# **FEE TRANSMITTAL For FY 2005**

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$ ) 1,430.00

**Complete if Known**

|                      |                          |
|----------------------|--------------------------|
| Application Number   | 09/523,511-Conf. #4950   |
| Filing Date          | March 10, 2000           |
| First Named Inventor | Yasushi Kubota, et al.   |
| Examiner Name        | Duc Q. Dinh              |
| Art Unit             | 2674                     |
| Attorney Docket No.  | <b>49639-RCE (70820)</b> |

**METHOD OF PAYMENT** (check all that apply)

Check     Credit Card     Money Order     None     Other (please identify): \_\_\_\_\_

Deposit Account    Deposit Account Number: 04-1105    Deposit Account Name: Edwards & Angell, LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below     Charge fee(s) indicated below, except for the filing fee

Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17     Credit any overpayments

**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

| <u>Application Type</u> | <u>FILING FEES</u> |                     | <u>SEARCH FEES</u> |                     | <u>EXAMINATION FEES</u> |                     |                       |
|-------------------------|--------------------|---------------------|--------------------|---------------------|-------------------------|---------------------|-----------------------|
|                         | <u>Fee (\$)</u>    | <u>Small Entity</u> | <u>Fee (\$)</u>    | <u>Small Entity</u> | <u>Fee (\$)</u>         | <u>Small Entity</u> | <u>Fees Paid (\$)</u> |
| Utility                 | 300                | 150                 | 500                | 250                 | 200                     | 100                 |                       |
| Design                  | 200                | 100                 | 100                | 50                  | 130                     | 65                  |                       |
| Plant                   | 200                | 100                 | 300                | 150                 | 160                     | 80                  |                       |
| Reissue                 | 300                | 150                 | 500                | 250                 | 600                     | 300                 |                       |
| Provisional             | 200                | 100                 | 0                  | 0                   | 0                       | 0                   |                       |

**2. EXCESS CLAIM FEES**Fee Description

|  | <u>Small Entity</u> | <u>Fee (\$)</u> | <u>Fee (\$)</u> |
|--|---------------------|-----------------|-----------------|
| Each claim over 20 (including Reissues)            |                     | 50              | 25              |
| Each independent claim over 3 (including Reissues) |                     | 200             | 100             |
| Multiple dependent claims                          |                     | 360             | 180             |

| <u>Total Claims</u> | <u>Extra Claims</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> | <u>Multiple Dependent Claims</u> |                      |
|---------------------|---------------------|-----------------|----------------------|----------------------------------|----------------------|
| <u>Total Sheets</u> | <u>Extra Sheets</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> | <u>Fee (\$)</u>                  | <u>Fee Paid (\$)</u> |
| - 20 =              | x                   | =               |                      |                                  |                      |
| - 3 =               | x                   | =               |                      |                                  |                      |

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

| <u>Total Sheets</u> | <u>Extra Sheets</u> | <u>Number of each additional 50 or fraction thereof</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> |
|---------------------|---------------------|---|-----------------|----------------------|
| - 100 =             | /50                 | (round up to a whole number) x                          | =               |                      |

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

|                                      |                                       |          |
|--------------------------------------|---------------------------------------|----------|
| Other (e.g., late filing surcharge): | 1501 Utility issue fee                | 1,400.00 |
|                                      | 8001 Printed copy of patent w/o color | 30.00    |

| <b>SUBMITTED BY</b> |                        |                                      |        |           |                   |
|---------------------|------------------------|--------------------------------------|--------|-----------|-------------------|
| Signature           | <u>David A. Tucker</u> | Registration No.<br>(Attorney/Agent) | 27,840 | Telephone | (617) 517-5508    |
| Name (Print/Type)   | David A. Tucker        |                                      |        | Date      | February 23, 2005 |